

The lightweight future
begins here



Future easy
Future easy
HÜRNER Electrofusion Welders

For more than 35 years...
The name HST 300 Line represents a family of products accounting for more than 20,000 units sold worldwide, which adds light weight and compact dimensions to highest-level performance. Even heater-coil electrofusion fittings larger than 2000 mm are processed without fail with this product line.
Whether you look at full interoperability with HÜRNER's pipeline grid management software, easy bar code reading with a scanning pen or handheld scanner or standard-compliant traceability, including geo-

data - with the HST 300 Line, you will find what you need for any welding application. Of this family, the Pricon model version has the most comprehensive set of features. Professional welding process control and welding parameter traceability are also enabled by the well-thought-out and worksite-proven Print model version. And the starter version, the Junior model without data recording, makes a difference by its total reliability and amazing welding performance.

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HST 300 Pricon+ /USB



All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8 V - 48 V, for sizes up to 1200 mm⁽¹⁾, with report generation.

Technical specifications HST 300 Pricon+ /USB

Automatic data logging	2000+
Welding range	up to 1200 mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner, manual input of numeric fitting code or welding voltage and welding time, remote start bar code
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input voltage, memory management, welding unit temperature, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, joint number related to commission number, welder ID code, ISO-compliant and HÜRNER code 1. (user-defined) additional data, 20 alphanumeric characters 2. (user-defined) additional data, 15 alphanumeric characters ISO data: 2 nd fitting code, 1 st and 2 nd pipe code, weather conditions, inventory number, installing company geo-data per Gauß-Krüger (UTM), with an add-in system, report review
Data output	USB A for welding data transfer to USB-compatible printer or USB stick USB B for direct welding data transfer to a PC with HÜRNER's database software DataWork installed, PDF format

Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 8 mm
Output voltage	8 - 48 V
Output current	max. 110 A
Input voltage	180 V - 280 V (230 V), 110 V/48 V optional
Input frequency	40 - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20 °C to +60 °C
Power cord	5 m with EUR-plug
Welding cable	4 m with 4.7 mm connection terminals
Adapter	4,0 mm in adapter bag (further adapters optional, see page 48)
Weight	10 kg
Dimensions	W 236 x H 295 x D 330 mm
Manufacturer warranty	12 months
P/N	200-230-017

HST 300 Print+ /USB



All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8 V - 48 V, including ffor sizes up to 1200 mm⁽¹⁾, with report generation.

Technical specifications HST 300 Print+ /USB

Automatic data logging	1800
Welding range	up to 1200 mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner, manual input of numeric fitting code or welding voltage and welding time
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant and HÜRNER code 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters ISO data: 2 nd fitting code, 1 st and 2 nd pipe code, weather conditions
Data output	USB A for welding data transfer to USB-compatible printer or USB stick USB B for direct welding data transfer to a PC with HÜRNER's database software DataWork installed, PDF format

Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 8 mm
Output voltage	8 - 48 V
Output current	max. 110 A
Input voltage	180 V - 280 V (230 V), 110 V/48 V optional
Input frequency	40 - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20 °C to +60 °C
Power cord	5 m with EUR-plug
Welding cable	4 m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W 236 x H 295 x D 330 mm
Manufacturer warranty	12 months
P/N	200-230-113

⁽¹⁾ - For instance, agru fittings

⁽¹⁾ - For instance, agru fittings

HST 300 Print/USB and HST 300 Print 315/USB



All-purpose welder for joining applications with fittings made of PE, PP, and PVDF, 8V - 48V, for sizes up to 1200mm⁽¹⁾, with report generation.

Technical specifications HST 300 Print/USB

Automatic data logging	1580
Welding range	up to 1200mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner
Weld monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, fault current, emergency off, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant and HÜRNER code 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters
Data output	USB A for welding data transfer to USB-compatible printer or USB stick
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5m with EUR-plug
Welding cable	4m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W236 x H295 x D330mm
Manufacturer warranty	12 months
P/N	200-230-002

Technical specifications HST 300 Print 315 /USB

Automatic data logging	500
Welding range	≤ 315mm
Data input	Bar code scanning pen, optional scanner
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, fault current, emergency off, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant, 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters
Data output	USB A for welding data transfer to USB-compatible printer or USB stick
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110 A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5m with EUR-plug
Welding cable	4m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W236 x H295 x D330 mm
Manufacturer warranty	12 months
P/N	200-230-016/USB interface 200-230-012/serial interface

All-purpose welder for joining applications with fittings made of PE, PP, and PVDF, 8V - 48V, for sizes equal or smaller than 315mm, with report generation.



HST 300 Junior and HST 300 Junior+



All-purpose welder for joining applications with fittings made of PE, PP, and PVDF, 8V - 48V, for sizes up to 1200mm⁽¹⁾.

Technical specifications HST 300 Junior

Automatic data logging	–
Welding range	up to 1200mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, welding unit temperature, fault current, emergency off, maintenance interval
Traceability	–
Data output	–
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110 A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5m with EUR-plug
Welding cable	4m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W236 x H295 x D330 mm
Manufacturer warranty	12 months
P/N	200-230-000

⁽¹⁾ - For instance, agru fittings

Technical specifications HST 300 Junior+

Automatic data logging	–
Welding range	up to 1200mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner Manual input of numeric fitting code or welding voltage and welding time
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, welding unit temperature, fault current, emergency off, maintenance interval
Traceability	–
Data output	–
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5m with EUR-plug
Welding cable	4m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W236 x H295 x D330 mm
Manufacturer warranty	12 months
P/N	200-230-001

All-purpose welder for joining applications with fittings made of PE, PP, and PVDF, 8V - 48V, for sizes up to 1200mm⁽¹⁾.



⁽¹⁾ - For instance, agru fittings

HST 300 Manual and HST 300 Monofuse



All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8V - 48V, including for sizes up to 1200mm⁽¹⁾.

Technical specification HST 300 Manual

Automatic data logging	– (optional)
Welding range	up to 1200mm ⁽¹⁾
Data input	Manual input of numeric fitting code or welding voltage and welding time
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, maintenance interval
Traceability	– (optional)
Data output	– (optional)
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110 A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40Hz - 70Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5 m with EUR-plug
Welding cable	4 m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	16 kg
Dimensions	W236 x H295 x D330mm
Manufacturer warranty	12 months
P/N	200-230-004

Technical specification HST 300 Monofuse

Automatic data logging	– (optional)
Welding range	up to 1200mm ⁽¹⁾
Data input	Fusamatic system for Fusion and Plasson fittings, manual data input optional
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, fault current, maintenance interval
Traceability	– (optional)
Data output	– (optional)
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110 A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5m with EUR-plug
Welding cable	4m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag
Weight	16 kg
Dimensions	W236 x H295 x D330 mm
Manufacturer warranty	12 months
P/N	200-230-008

All-purpose welder for jointing applications with 40V fittings made of PE, PP, and PVDF, 8V - 48V, for sizes up to 1200mm⁽¹⁾; dedicated to specific system.



HST 300 Geotherm+ /USB and HST 300 HP/USB



All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8V - 48V, for sizes equal or smaller than 75mm, with report generation; mainly for geothermal system installation.

Technical specifications HST 300 Geotherm+ /USB

Automatic data logging	1580
Welding range	≤ 75 mm
Data input	Bar code scanning pen, optional scanner
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant, 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters
Data output	USB A for welding data transfer to USB-compatible printer or USB stick
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 110 A
Input voltage	180V - 280V (230V), 110V/48V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	–20°C bis +60°C
Power cord	3 m with EUR-with plug
Welding cable	4 m with 4.7 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	9.0kg
Dimensions	W236 x H270 x D250 mm
Manufacturer warranty	12 months
P/N	200-230-112/USB interface 200-230-110/serial interface

Technical specifications HST 300 HP /USB

Automatic data logging	1800
Welding range	even > 2000 mm
Data input	Bar code scanning pen, optional scanner, manual input of numeric fitting code or welding voltage and welding time
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, maintenance interval
Traceability pursuant to ISO 12176-3/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant and HÜRNER code 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters, ISO data: 2 nd fitting code, 1 st and 2 nd pipe code, weather conditions
Data output	USB A for welding data transfer to USB-compatible printer or USB stick
Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, character height 5mm
Output voltage	8 - 48V
Output current	max. 130 A
Input voltage	360 V - 440 V (400 V) (3P + N + PE)
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A3~
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20°C to +60°C
Power cord	5 m with CEE-plug 5x 16 A-PH
Welding cable	4 m with 6 mm connection terminals
Adapter	4.0 mm in adapter bag (further adapters optional, see page 48)
Weight	33 kg
Dimensions	W260 x H365 x D330 mm
Manufacturer warranty	12 months
P/N	200-230-041

All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8V - 48V, including for sizes larger than 2000mm, with report generation.



⁽¹⁾- For instance, agru fittings

HST 300 Print+ 8 V - 80 V/USB



All-purpose welder for jointing applications with fittings made of PE, PP, and PVDF, 8 V - 48 V and 80 V, for sizes up to 1200 mm⁽¹⁾, with report generation.

Technical specifications HST 300 Print+ 8 V - 80 V/USB

Automatic data logging	1800
Welding Range	up to 1200 mm ⁽¹⁾
Data input	Bar code scanning pen, optional scanner, manual input of numeric fitting
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short-circuit, ambient temperature, input frequency, input voltage, memory management, welding unit temperature, maintenance interval
Traceability pursuant to ISO 12176-2/4	Commission number, 32 alphanumeric characters, welder ID code, ISO-compliant and HÜRNER code 1 st (user-defined) additional data, 20 alphanumeric characters 2 nd (user-defined) additional data, 15 alphanumeric characters, ISO data: 2 nd fitting code, 1 st and 2 nd pipe code, weather conditions
Data output	USB A for welding data transfer to USB-compatible printer or USB stick USB B for direct welding data transfer to a PC with HÜRNER's database software DataWork installed

Display	LED-lit screen, 4 lines, 20 alphanumeric characters each, height 8 mm
Output voltage	8 - 48 V, 80 V
Output current	max. 110 A
Input voltage	180 V - 280 V (230 V), 110 V/48 V optional
Input frequency	40 Hz - 70 Hz
Input current	AC 16 A
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Languages	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU others upon request
Temperature range	-20 °C to +60 °C
Power cord	5 m with Euro plug
Welding cable	4 m with 4.7 mm connection terminals
Adapter	4.0 mm and 5.7 mm in adapter bag (further adapters optional, see page 48)
Weight	17 kg
Dimensions	W 260 x H 365 x D 330 mm
Manufacturer warranty	12 months
P/N	200-230-040

HST-S-160 and HST-S-315

All-purpose welder, 230 V, 50 Hz, 1200 W for jointing applications on PE and PP drain pipes of the makes Geberit, Akatherm-EUR, Coes, Valsir, Waviduo, Aquatherm, and Vulcathene-Euro.

Micro-controller-driven, single-hand operation welder with automatic temperature compensation by welding time, to joint drain pipes for non-pressurized conveyance. The unit audibly and visually, with a display, monitors the welding process. With its extremely compact dimensions, its weight of only 1.4 kg, and its long welding and power supply cables, the welder offers a very large operating radius, to make it ideal for working those pipelines that are really hard to reach.



Technical specifications HST-S-160

Welding range	40 - 160 mm
Output current	5 A regulated
Mode	A00
Input voltage	180 V - 280 V (230 V)
Input frequency	40 Hz - 70 Hz
Power	1150 W
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Temperature range	-20 °C bis +60 °C
Power cord	3 m with Euro plug
Welding cable	3 m with 2.0 mm connection terminals
Weight	1.4 kg
Dimensions	W 165 x H 200 x D 80 mm
Accessories	User's manual, HÜRNER bag
Manufacturer warranty	12 months
P/N	400-160-101

Technical specifications HST-S-315

Welding range	40 - 315 mm 40 - 160 mm: Valsir, Akatherm, Eurofusion, Geberit, Waviduo, Coes 200 - 315 mm: Valsir, Akatherm, Eurofusion, Geberit
Output current	max. 11 A
Mode	A00, A01, A02
Input voltage	180 V - 280 V (230 V)
Input frequency	40 Hz - 70 Hz
Power	2490 W
Approvals/Quality/Ingress protection	CE, ISO 9001:2008, IP54 (IP64 optional)
Temperature range	-20 °C to +60 °C
Power cord	3 m with Euro plug
Welding cable	3 m, 3-connector set: yellow, blue, red
Weight	1.5 kg, including bag and welding adapter cables 2.4 kg
Dimensions	W 165 x H 200 x D 80 mm
Accessories	User's manual, HÜRNER bag
Manufacturer warranty	12 months
P/N	400-315-101

All-purpose welder, 230 V, 50 Hz, 1200 W for jointing applications on PE and PP drain pipes of the makes Geberit, Akatherm-EUR, Coes, Valsir, Waviduo, Aquatherm, and Vulcathene-Euro.

Micro-controller-driven, single-hand operation welder with automatic temperature compensation by welding time, to joint drain pipes for non-pressurized conveyance. The unit audibly and visually, with a display, monitors the welding process. With its extremely compact dimensions, its weight of only 1.5 kg, and its long welding and power supply cables, the welder offers a very large operating radius, to make it ideal for working those pipelines that are really hard to reach.

